



ENTERED

PCT10

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/088,319

DATE: 03/28/2002
 TIME: 14:06:45

Input Set : A:\Seqlist.txt
 Output Set: N:\CRF3\03282002\J088319.raw

```

4 <110> APPLICANT: Mary K. Crow
5 Yixin Li
7 <120> TITLE OF INVENTION: Altered Nucleotide Sequence in CD40
8 Ligand Promoter
10 <130> FILE REFERENCE: 5983/2G123
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/088,319
C--> 13 <141> CURRENT FILING DATE: 2002-03-13
15 <150> PRIOR APPLICATION NUMBER: US 60/153,625
16 <151> PRIOR FILING DATE: 1999-09-13
18 <160> NUMBER OF SEQ ID NOS: 37
20 <170> SOFTWARE: FastSEQ for Windows Version 3.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 455
24 <212> TYPE: DNA
25 <213> ORGANISM: Human
27 <400> SEQUENCE: 1
28 gagaagcaat tagttgatgg gacaccagtc ataaaaatcaa tccaaacttt tgttgacatg 60
29 tgtttctttc tccatataacc aggttccegc ttcgtattag taagattgaa attgaaataa 120
30 gtctattgct ggtggatgaa ttgtcaact tccttgaacc tggatgaacc aaaaagttag 180
31 acagtgatag gaaaataactg ccattgtctg ttaagaagtc tatgacatt caaggcaaga 240
32 atgaatatat ggaagaagaa actgttttct tctttactta caaaaaggaa agcctggaag 300
33 tgaatgatat gggataaatt aaaaaaaaaa aaaaaacaaa aaacctttac gtaacgtttt 360
34 tgctgggaga gaagactacg aagcacattt tccagggaag gtgggctgca acgattgtgc 420
35 gctcttaact aatcctgagt aagtgggcca ctttg 455
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 455
39 <212> TYPE: DNA
40 <213> ORGANISM: Human
42 <400> SEQUENCE: 2
43 gagaagcaat tagttgatgg gacaccagtc ataaaaatcaa tccaaacttt tgttgacatg 60
44 tgtttctttc tccatataacc aggttccegc ttcgtattag taagattgaa attgaaataa 120
45 gtctattgct ggtggatgaa ttgtcaact tccttgaacc tggatgaacc aaaaagttag 180
46 acagtgatag gaaaataactg ccattgtctg ttaagaagtc tatgacatt caaggcaaga 240
47 atgaatatat ggaagaagaa actgttttct tctttactta caaaaaggaa agcctggaag 300
48 tgaatgatat gggataaatt aaaaaaaaaa aaaaaacaaa aaacctttac gtaacgtttt 360
49 tgctgggaga gaagactacg aagcacattt tccagggaag gtgggctgca acgattgtgc 420
50 gctcttaact aatcctgagt aagtgggcca ctttg 455
52 <210> SEQ ID NO: 3
53 <211> LENGTH: 23
54 <212> TYPE: DNA
55 <213> ORGANISM: Human
57 <400> SEQUENCE: 3
58 aaaaaaaaaa aaaaaacaaa aaa

```

23

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```

60 <210> SEQ ID NO: 4
61 <211> LENGTH: 24
62 <212> TYPE: DNA
63 <213> ORGANISM: Human
65 <400> SEQUENCE: 4
66 aaaaaaaaaa aaaaaaacaa aaaa      24
68 <210> SEQ ID NO: 5
69 <211> LENGTH: 25
70 <212> TYPE: DNA
71 <213> ORGANISM: Human
73 <400> SEQUENCE: 5
74 aaaaaaaaaa aaaaaaacaa aaaa      25
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 23
78 <212> TYPE: DNA
79 <213> ORGANISM: Human
81 <400> SEQUENCE: 6
82 aaaaaaaaaa caaaacaaa aaa      23
84 <210> SEQ ID NO: 7
85 <211> LENGTH: 23
86 <212> TYPE: DNA
87 <213> ORGANISM: Human
89 <400> SEQUENCE: 7
90 aaaaaaaaaa caaaacaaa aaa      23
92 <210> SEQ ID NO: 8
93 <211> LENGTH: 24
94 <212> TYPE: DNA
95 <213> ORGANISM: Human
97 <400> SEQUENCE: 8
98 aaaaaaaaaa acaaaacaa aaaa      24
100 <210> SEQ ID NO: 9
101 <211> LENGTH: 24
102 <212> TYPE: DNA
103 <213> ORGANISM: Human
105 <400> SEQUENCE: 9
106 aaaaaaaaaa acaaaacaa aaaa      24
108 <210> SEQ ID NO: 10
109 <211> LENGTH: 21
110 <212> TYPE: DNA
111 <213> ORGANISM: Human
113 <400> SEQUENCE: 10
114 aaaaaaaaaa aaaaacaaaa a      21
116 <210> SEQ ID NO: 11
117 <211> LENGTH: 23
118 <212> TYPE: DNA
119 <213> ORGANISM: Human
121 <400> SEQUENCE: 11
122 aaaaaaaaaa caaaacaaa aaa      23
124 <210> SEQ ID NO: 12

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125 <211> LENGTH: 24
126 <212> TYPE: DNA
127 <213> ORGANISM: Human
129 <400> SEQUENCE: 12
130 aaaaaaaaaa acaaaaccaa aaac 24
132 <210> SEQ ID NO: 13
133 <211> LENGTH: 23
134 <212> TYPE: DNA
135 <213> ORGANISM: Human
137 <400> SEQUENCE: 13
138 aaaaaaaaaa aaaaaacaaa aaa 23
140 <210> SEQ ID NO: 14
141 <211> LENGTH: 24
142 <212> TYPE: DNA
143 <213> ORGANISM: Human
145 <400> SEQUENCE: 14
146 aaaaaaaaaa aaaaaaccaa aaaa 24
148 <210> SEQ ID NO: 15
149 <211> LENGTH: 24
150 <212> TYPE: DNA
151 <213> ORGANISM: Human
153 <400> SEQUENCE: 15
154 aaaaaaaaaa aaaaaaccaa aaaa 24
156 <210> SEQ ID NO: 16
157 <211> LENGTH: 24
158 <212> TYPE: DNA
159 <213> ORGANISM: Human
161 <400> SEQUENCE: 16
162 aaaaaaaaaa acaaaaccaa aaaa 24
164 <210> SEQ ID NO: 17
165 <211> LENGTH: 23
166 <212> TYPE: DNA
167 <213> ORGANISM: Human
169 <400> SEQUENCE: 17
170 aaaaaaaaaa aaaaaacaaa aaa 23
172 <210> SEQ ID NO: 18
173 <211> LENGTH: 24
174 <212> TYPE: DNA
175 <213> ORGANISM: Human
177 <400> SEQUENCE: 18
178 aaaaaaaaaa aaaaaaccaa aaaa 24
180 <210> SEQ ID NO: 19
181 <211> LENGTH: 24
182 <212> TYPE: DNA
183 <213> ORGANISM: Human
185 <400> SEQUENCE: 19
186 aaaaaaaaaa aaacaaacaa aaaa 24
188 <210> SEQ ID NO: 20
189 <211> LENGTH: 24

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190 <212> TYPE: DNA
191 <213> ORGANISM: Human
193 <400> SEQUENCE: 20
194 aaaaaaaaaa acaaaaaaaa aaaa 24
196 <210> SEQ ID NO: 21
197 <211> LENGTH: 24
198 <212> TYPE: DNA
199 <213> ORGANISM: Human
201 <400> SEQUENCE: 21
202 aaaaaaaaaa acaaaaaaaa aaaa 24
204 <210> SEQ ID NO: 22
205 <211> LENGTH: 20
206 <212> TYPE: DNA
207 <213> ORGANISM: Human
209 <400> SEQUENCE: 22
210 aaaaaaaaaa aaaaacaaaa 20
212 <210> SEQ ID NO: 23
213 <211> LENGTH: 22
214 <212> TYPE: DNA
215 <213> ORGANISM: Human
217 <400> SEQUENCE: 23
218 aaaaaaaaaa aaaaacaaaa aa 22
220 <210> SEQ ID NO: 24
221 <211> LENGTH: 23
222 <212> TYPE: DNA
223 <213> ORGANISM: Human
225 <400> SEQUENCE: 24
226 aaaaaaaaaa aaaaacaaaa aaa 23
228 <210> SEQ ID NO: 25
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Human
233 <400> SEQUENCE: 25
234 aaaaaaaaaa aaaaacaaaa aaaa 24
236 <210> SEQ ID NO: 26
237 <211> LENGTH: 24
238 <212> TYPE: DNA
239 <213> ORGANISM: Human
241 <400> SEQUENCE: 26
242 aaaaaaaaaa aaaaacaaa aaaa 24
244 <210> SEQ ID NO: 27
245 <211> LENGTH: 20
246 <212> TYPE: DNA
247 <213> ORGANISM: Human
249 <400> SEQUENCE: 27
250 aaaaaaaaaa aaacaaaaaaa 20
252 <210> SEQ ID NO: 28
253 <211> LENGTH: 22
254 <212> TYPE: DNA

```

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255 <213> ORGANISM: Human
257 <400> SEQUENCE: 28
258 aaaaaaaaaa aaaaacaaaa aa 22
260 <210> SEQ ID NO: 29
261 <211> LENGTH: 22
262 <212> TYPE: DNA
263 <213> ORGANISM: Human
265 <400> SEQUENCE: 29
266 aaaaaaaaaa aaaaacaaaa aa 22
268 <210> SEQ ID NO: 30
269 <211> LENGTH: 22
270 <212> TYPE: DNA
271 <213> ORGANISM: Human
273 <400> SEQUENCE: 30
274 aaaaaaaaaa aaaaacgaaa aa 22
276 <210> SEQ ID NO: 31
277 <211> LENGTH: 22
278 <212> TYPE: DNA
279 <213> ORGANISM: Human
281 <400> SEQUENCE: 31
282 aaaaaaaaaa aaaaacaaaa aa 22
284 <210> SEQ ID NO: 32
285 <211> LENGTH: 24
286 <212> TYPE: DNA
287 <213> ORGANISM: Human
289 <400> SEQUENCE: 32
290 aaaaaaaaaa aaaaaaacaa aaaa 24
292 <210> SEQ ID NO: 33
293 <211> LENGTH: 21
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Primer sequence
300 <400> SEQUENCE: 33
301 gagaagcaat tagttgatgg g 21
303 <210> SEQ ID NO: 34
304 <211> LENGTH: 23
305 <212> TYPE: DNA
306 <213> ORGANISM: Artificial Sequence
308 <220> FEATURE:
309 <223> OTHER INFORMATION: Primer sequence
311 <400> SEQUENCE: 34
312 gctcttaact aatcctgagt aag 23
314 <210> SEQ ID NO: 35
315 <211> LENGTH: 21
316 <212> TYPE: DNA
317 <213> ORGANISM: Artificial Sequence
319 <220> FEATURE:
320 <223> OTHER INFORMATION: Primer sequence

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VERIFICATION SUMMARY

DATE: 03/28/2002

PATENT APPLICATION: US/10/088,319

TIME: 14:06:46

Input Set : A:\Seqlist.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date